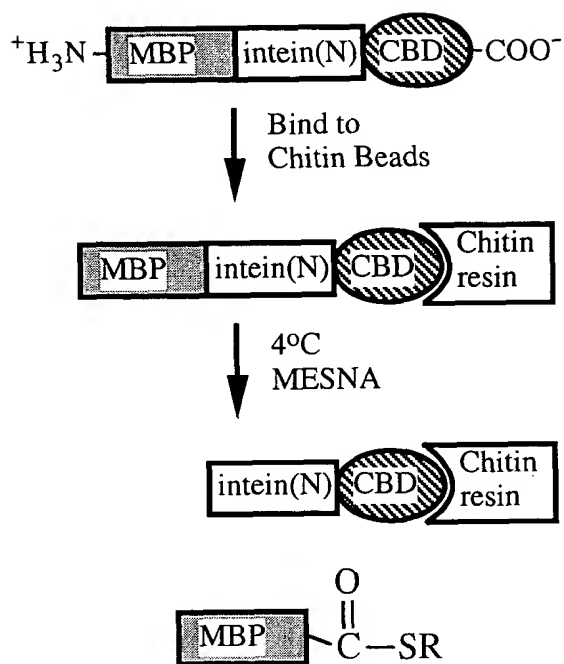
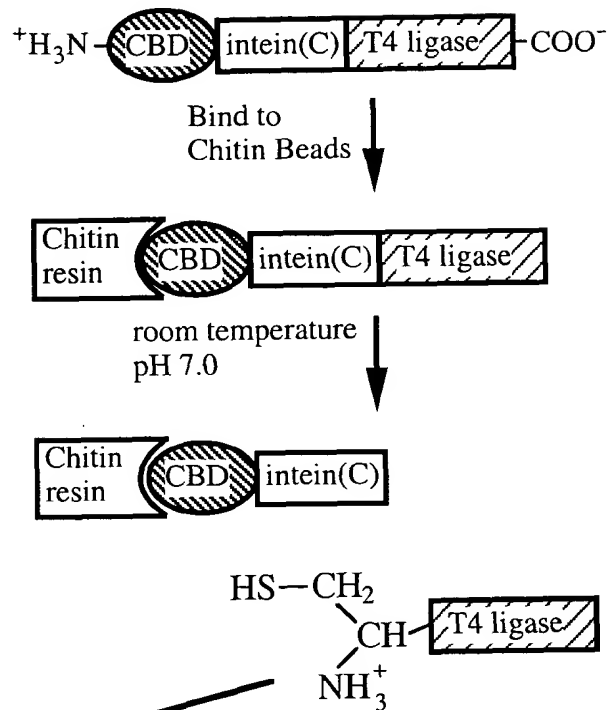


FIGURE 1

### N-Terminal Cleavage



### C-Terminal Cleavage



Isolation of proteins followed by "native chemical ligation" chemistry

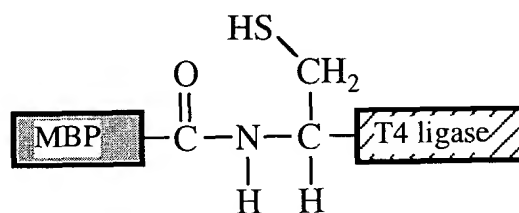


FIGURE 2 **A**

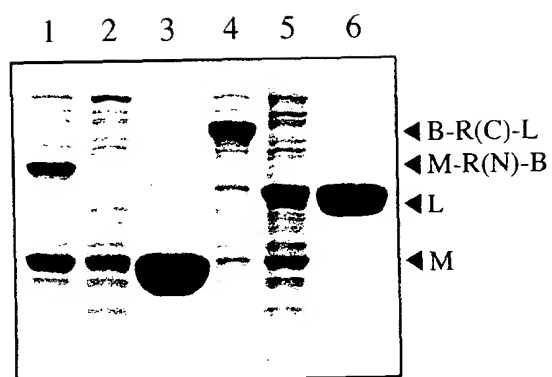


FIGURE 2 **B**

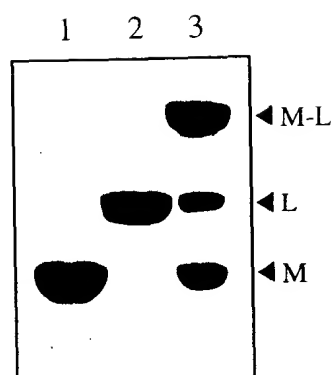
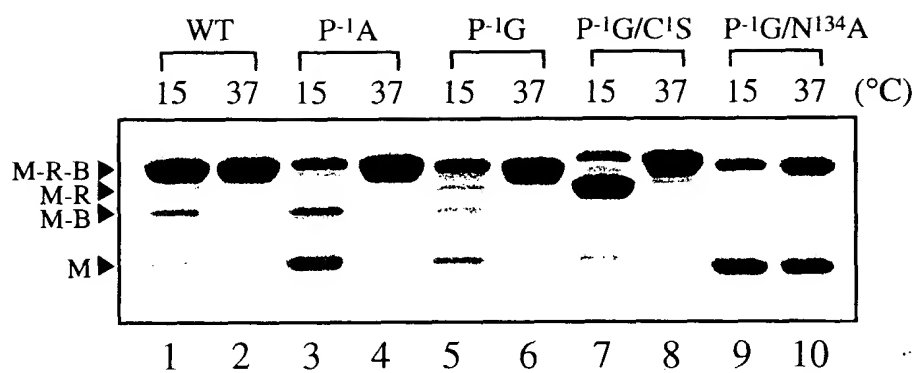


FIGURE 3



### Figure 4

1 CAACTCGGGAGGATAGAGGCAACCAACCCCTGTGTATCCGGTGACACCAT 50  
1 .....CTCGAGGCAACCAACCCCTGCGTATCCGGTGACACCAT 38  
51 TGTAATGACATCCGGGGGTCCGCGGACAGTGGCTGAACTGGAGGGCAAGC 100  
39 TGTAATGACTAGTGGCGGTCCGCGCACTGTGGCTGAACTGGAGGGCAAAC 88  
101 CCTTCACCGCACTTATCAGGGGCTCAGGGTACCCCTGCCCTCAGGTTTC 150  
89 CGTTCACCGCACTGATTTCGGGCTCTGGCTACCCATGCCCTCAGGTTTC 138  
151 TTCAGGACCTGTGAACGGGACGTATATGATCTTAGAACCAGGGAGGGTCA 200  
139 TTCCGCACCTGTGAACGTGACGTATATGATCTGCGTACACGTGAGGGTCA 188  
201 TTGCTTAAGGTTGACCCATGATCACAGGGTCCTTGTAATGGATGGTGGTC 250  
189 TTGCTTACGTTTGACCCATGATCACCGTGTCTTGGTGATGGATGGTGGCC 238  
251 TGGAAATGGCGTGCCGCCGGTGAACCTTGAAAGGGGAGACCGCCTTGATGATG 300  
239 TGGAAATGGCGTGCCGCCGGTGAACCTGGAACGCGGCGACCGCCTGGTGATG 288  
301 GATGATGCTGCAGGGGAGTTTCCGGCACTTGCAACCTTCAGAGGCCTCAG 350  
289 GATGATGCAGCTGGCGAGTTTCCGGCACTTGCAACCTTCCGTGGCCTGCG 338  
351 GGGCGCCGGCCGCCAGGATGTCTATGACGCCACTGTCTACGGTGCCAGTG 400  
339 TGGCGCTGGCCGCCAGGATGTTTATGACGCTACTGTTTACGGTGCTAGCG 388  
401 CATTACAGCCAATGGATTTCATAGTCCACAACCTGTGGGGAGCAGCCACTC 450  
389 CATCACTGCTAATGGCTTCATTGTACACAACCTGTGGCGAGCAGCCAACC 438  
451 CTCACCCATGAA 462  
439 GGTGAATTC 447